Estimation of new high-voltage valve equipment reliability at Vyborgskaya substation Alexeev N. A., Bulykin P. Y., Zmaznov E. Yu., Karpov V. N., Lozinova N. G., Matinyan A. M., Peshkov M. V., Suslova O. V.

The results of new high-voltage valve operation applied for the modernization of Vyborgskaya substation are given in the article. The reliability of the new valve is calculated. It is shown that the new valve has reliability indicators not lower than the world ones. *Keywords: High-voltage valve, reliability, service life, reliability estimation technique.*